UNITED STATES DEPARTMENT OF COMMERCI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/03/2004

Charles A. Muserlian c/o Muserlian, Lucas and Mercanti 475 Park Avenue South New York, NY 10016 EXAMINER
RIDDLE, KYLE M

ART UNIT

PAPER NUMBER

3748

DATE MAILED: 09/03/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,890	12/15/2003	Rainer Ottersbach	188.478-DIV-2	5699

TITLE OF INVENTION: CAMSHAFT CONTROL DEVICE AND CONTROL VALVE WITH LEAKAGE COMPENSATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/03/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1,313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

			or <u>Fax</u>	(703) 746-4000	3	
appropriate. All further coindicated unless corrected	respondence including the below or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	E FEE and PUBL ders and notificatio) specifying a new	CATION FEE (if rec n of maintenance fees correspondence addres	quired). Blocks 1 through 5 sl will be mailed to the current ss; and/or (b) indicating a sepa	nould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	ns. CE ADDRESS (Note: Use Block 1 for	any change of address)		N. 4 .:C .	C '1' 1 1 1 C	1 (1 11 0 1
	590 09/03/2004	any change of addressy		Fee(s) Transmittal.	of mailing can only be used for This certificate cannot be used to nal paper, such as an assignment ate of mailing or transmission.	or any other accompanying
Charles A. Muser c/o Muserlian, Luc 475 Park Avenue S New York, NY 100	as and Mercanti South			I hereby certify that States Postal Service addressed to the M	this Fee(s) Transmittal is being with sufficient postage for firm all Stop ISSUE FEE address SPTO (703) 746-4000, on the d	g deposited with the United st class mail in an envelope above, or being facsimile
11000 1010, 111 100						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	NTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,890	12/15/2003		Rainer Ottersba	ch	188.478-DIV-2	5699
TITLE OF INVENTION: C	AMSHAFT CONTROL DE	VICE AND CONT	ROL VALVE WIT	H LEAKAGE COMPE	ENSATION	
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE F	UBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330		\$300	\$1630	12/03/2004
EXAM	IINER	ART UN	IT (LASS-SUBCLASS		
RIDDLE,	KYLE M	3748		123-090170		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (print	or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NOT	lata will appear on a substitute for fili	the patent. If an assigng an assignment.	gnee is identified below, the de	ocument has been filed for
(A) NAME OF ASSIGNI	EE ;	(B)) RESIDENCE: (CI	ΓY and STATE OR CO	OUNTRY)	
Please check the appropriate	assignee category or catego	ries (will not be pri	nted on the patent):	🔲 Individual 🔲 (Corporation or other private gro	up entity Government
la. The following fee(s) are	enclosed:		Payment of Fee(s):			
Issue Fee			A check in the amount of the fee(s) is enclosed.			
Publication Fee (No small entity discount permitted) Advance Order - # of Copies			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).			
☐ Advance Order - # of	Copies		The Director is Deposit Account No	hereby authorized by imber	charge the required fee(s), or of the contract	credit any overpayment, to opy of this form).
	(from status indicated above MALL ENTITY status. See)		-	ALL ENTITY status. See 37 CF	
The Director of the USPTO in NOTE: The Issue Fee and Punterest as shown by the reco	s requested to apply the Issu ablication Fee (if required) w rds of the United States Pate				sly paid issue fee to the applica gistered attorney or agent; or th	
Authorized Signature	· -			Date		:
Typed or printed name				Registratio	n No.	
his collection of information	n is required by 37 CFR 1.3	11. The information	is required to obtai	n or retain a benefit by	the public which is to file (and	by the USPTO to process)

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.31. The information is required to to botain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark C Address: COMMISSIONER FOR PATENTS

P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/735,890	12/15/2003	Rainer Ottersbach	188.478-DIV-2 5699		
7:	590 09/03/2004		EXAM	INER	
Charles A. Muserlian			RIDDLE, KYLE M		
c/o Muserlian, Luc					
475 Park Avenue S	South		ART UNIT	PAPER NUMBER	
New York, NY 100	016		3748		
	•		DATE MAIL ED. 00/02/200	4	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,890	12/15/2003	Rainer Ottersbach	188.478-DIV-2	5699
7590 09/03/2004		EXAM	EXAMINER	
Charles A. Muserlian c/o Muserlian, Lucas and Mercanti		RIDDLE,	RIDDLE, KYLE M	
475 Park Avenue S			ART UNIT	PAPER NUMBER
New York, NY 100	016		3748	:

DATE MAILED: 09/03/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because an increase in fees effective on October 1, 2004 is anticipated. See Revision of Patent Fees for Fiscal Year 2005; Proposed Rule, 69 Fed. Reg. 25861, 25863, 25864 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is proposed to be amended by revising paragraphs (a) through (c) to read as set forth below. As stated above, the final fee may be a different amount, and applicant should check the WEB site given above when paying the fee.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))...... \$245.00

By other than a small entity......\$490.00

(c) Issue fee for issuing a plant patent:

By other than a small entity......\$650.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.